UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At sheet 11 or 13 (Fig. 14), line 1, delete "Noice" and insert -- Noise --, therefor.

At column 1, line 13, after "signals" insert -- . --.

At column 1, line 49, delete "CAtf" and insert -- CAtf. --, therefor.

At column 2, line 4, delete "CAtf" and insert -- CAtf. --, therefor.

At column 2, line 12, delete "CAtf" and insert -- CAtf. --, therefor.

At column 2, line 19, delete "nϵz30" and insert -- nϵz+ --, therefor.

At column 2, line 29, delete "$Q_C^1(x)$" and insert -- $Q_S^1(x)$ --, therefor.

At column 2, line 31, delete "(q_k^1)," and insert -- (q_k^1) --, therefor.

At column 3, line 6, delete "k_{p-}," and insert -- k_{p-1}, --, therefor.

At column 8, line 3, delete "N^q" and insert -- N_q --, therefor.

At column 9, line 11, delete "channel a." and insert -- channel $\approx$. --, therefor.

At column 9, line 65, delete "$Q_{S1,1}$" and insert -- $Q_S^{1,1}$, --, therefor.

At column 10, line 22, delete "$S^{0,02,0}$" and insert -- $S_{0,0}^{2,0}$ --, therefor.

At column 11, line 7, after "a$\leq$x$\leq$b" insert -- . --.

At column 11, line 9, delete "$y_{k-}\Delta/2$];" and insert -- $y_k-\Delta/2$]; --, therefor.

At column 11, line 56, delete "$B^{Infm,P}$" and insert -- $B_{Inf}^{m,p}$ --, therefor.

At column 12, line 27, delete "R_0," and insert -- R_0 --, therefor.

At column 13, line 42, delete "v$\pm$(1,1)" and insert -- v$\neq$(1,1) --, therefor.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 14, line 56, delete "m1$\leq$m$\leq$2" and insert -- m,1$\leq$m$\leq$2 --, therefor.

At column 14, line 64, delete "T=$^{[\log2(wmax/3)]+1}$" and insert -- T=2$^{[\log2(wmax/3)]+1}$ --, therefor.

At column 14, line 67, delete "(wmax/3)" and insert -- (w_{max}/3) --, therefor.

At column 15, line 9, delete "x$\leq$1." and insert -- x$\geq$1. --, therefor.

At column 15, line 12, delete "(xϵ[0,24))." and insert -- (xϵ[0,24]). --, therefor.

At column 15, line 55, after "$^{(P-x)}$" insert -- . --.

At column 17, line 32, delete "1$\leq$r·$\leq$3N," and insert -- 1$\leq$r$\leq$3N, --, therefor.

At column 17, line 54, delete "$\Delta_C \Delta\square_+^*$" and insert -- $\Delta_C \epsilon \square_+^*$ --, therefor.

At column 18, line 3, delete "$\Delta^{(K+/)}$" and insert -- $\Delta^{(K+1)}$ --, therefor.

At column 18, line 3, delete "$\Delta^{(K+1)}$" and insert -- $\Delta^{(K+1)}$ --, therefor.

At column 18, line 4, delete "$\Delta^{(K+1)}$" and insert -- $\Delta^{(K+1)}$ --, therefor.

At column 18, line 20, delete "A_r," and insert -- A_r --, therefor.

At column 18, line 28 (approx.), delete " $B_{L_K L_K}$ " and insert -- $B_{L_K L_K}^*$ --, therefor.

At column 18, line 35, after "L_{K-1})" insert -- . --.

At column 18, line 41, delete "$\pm$" and insert -- $\neq$ --, therefor.

At column 18, line 42, delete "$\pm$" and insert -- $\neq$ --, therefor.

At column 18, line 44, delete "L_{q+}," and insert -- L_{q+1}, --, therefor.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,356,085 B2
APPLICATION NO. : 10/813811
DATED   : April 8, 2008
INVENTOR(S)   : Gavrilescu et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 18, line 54, delete "$1 \leq i, j \ i \leq L_0$" and insert -- $1 \leq i, j \leq L_0$ --, therefor.

At column 18, line 58, delete "$A_C^{(q)}$" and insert -- $\Delta_C^{(q)}$ --, therefor.

At column 18, line 60, delete "$\pm$" and insert -- $\neq$ --, therefor.

At column 18, line 66, delete "the" and insert -- $1 \leq i, j \leq L_q$, the --, therefor.

At column 19, line 3, delete "$\Pi_{k=0}^{q-1}$," and insert -- $\Pi_{k=0}^{q-1} N_k$, --, therefor.

At column 19, line 6, delete "$3 \cdot 2^{P \cdot \Pi}$" and insert -- $3 \cdot 2^P \cdot \Pi$ --, therefor.

At column 19, line 13, delete "$q^{-1(q)}$" and insert -- $q^{-1-l(q)}$ --, therefor.

At column 19, line 24 (approx.) delete "$D_o$for" and insert -- D_o for --, therefor.

At column 19, line 33, delete "$(2 \cdot 2$" and insert -- $(3 \cdot 2$ --, therefor.

At column 19, line 35, before "K" insert -- $\leq$ --.

At column 19, line 36, delete "$\rho_q = 2\log_2$" and insert -- $\rho_q = 2 \cdot \log_2$ --, therefor.

At column 19, line 44, delete "$\rho_q = 2\log_2$" and insert -- $\rho_q = 2 \cdot \log_2$ --, therefor.

At column 19, line 61, delete "$q, 0q \leq q \leq K$," and insert -- $q, 0 \leq q \leq K$, --, therefor.

At column 21, line 54, delete "each" and insert -- Each --, therefor.

At column 23, line 5, in Claim 2, delete "quantizationintervals" and insert -- quantization intervals --, therefor.

At column 23, line 47, in Claim 14, delete "pans" and insert -- parts --, therefor.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,356,085 B2
APPLICATION NO. : 10/813811
DATED   : April 8, 2008
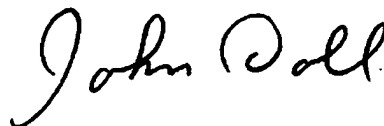INVENTOR(S)   : Gavrilescu et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 23, line 63, in Claim 15, delete "andsecond" and insert -- and second --, therefor.

At column 24, line 44, in Claim 21, delete "transmifted" and insert -- transmitted --, therefor.

Signed and Sealed this

Seventh Day of April, 2009

JOHN DOLL
Acting Director of the United States Patent and Trademark Office